BR/538/29.9.16.

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265912

Serial No. 1st and final Bill From ..... To .....
Name of Work .....
Name of Contractor of nature of Agency M/s. Ramesh Anand Contractor
Date of commencement of work D.O. Recording.

BR-538 29-9-16

Reference to last Measurement 8	Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		Name of Work: Improvements to Roads and drains at Kuvempu Nagar 2nd stage in Ward no.11, Vidyaranyapura Sub-Division.						
		Estimated cost Rs. 40.00 Lakhs						
		Work order no : EE/BSP/BBMP/E-PRM-03 (17832)/2016-17 Dt. 08-08-2016.						
		Date of Commencement : 09-08-2016						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Date of Completion : 24-09-2011						
	(1) Earthwork excavation by manual means in ordinary soil, involving an average horizontal throw upto 2m and an average lift upto 0.5m, excavated surfaces levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods etc complete as per specifications and directions of Engineer-in-charge of the work.						
						qty vide this mb pg 2659	41754-4
						M no. (1) : 596.484	41571-60
						182.916	
						778.400	
						e70/7	

Serial No. .....
Name of Work .....
Name of Contractor of natu
Date of commencement of

Date	Full description,
1	2
	(2) Providing
	of mix 1:4
	down of
	aggregate
	layers not
	foundation
	Hooing
	and direct

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
ng. 2014				
nual means in ordinary ng and throw upto 2m n, excavated surface ared, the disposed earths to ed by clods etc complete as ed by Engineer-in-charge				
ality vide this MB p 2659 ft no. ① :		596.484 m³		41754-4 41573-60
		e70/17		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265913

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	① Providing and laying in position plain cement concrete of mix 1:4:8 with one cement 1 no lap with down and down size graded granite metal coarse aggregate e 0.57 m³ machine mixed, concrete laid in layers not exceeding 15cm thick well compacted in foundation and plinth, including costing all materials, labour, hire of machinery, curing etc complete as per specifications and directions of Engineer-in-charge of work.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Qty vide this MB. page No. 2659				
			Tot. av. (2) :			409.05 m³ @ 4420/m³	18,08,001.00
(3)	Providing and laying cement concrete using 20mm and down size graded aggregate of Ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, formwork and shuttering to withstand pumping of concrete, with all lead and lifts, complete (exclusive of cost of steel and fabrication charges) RMC M-20 (1:1.5:3) for						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Raft findations, Co
	Beams, etc Comple
	of Engineer-in-cha
	Kurumpuvayur. 2nd
	stage - CROSS-ROAD
	Behind Govt. School
	(a) .1st CROSS-Roa
	(0.00 to 40.00
	(b) .2nd CROSS-Ro
	(0.00 to 70.04

ENT BOOK

gth	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
y side this MB. p No. 2659				
no. (5) = 409.05 y^3 @ 4420/y^3				18,08,001.00
concrete using 20mm y Ready mixed concrete 15cms thick layers and ning. finishing with work and depositing to te, with all lead and y cost of steel and M-20 (1:1.5:3) for				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265914

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Raft findations, columns footings, beams and secondary Beams. etc Complete as per specifications and directions of Engineer-in-charge of the work.						
	Kurumpudayur-2nd stage-CROSS-ROAD Behind Govt-School	1	30.00	$\frac{2.7+2.5}{2}$	0.10	7.65 y^3	
		1	10.00	$\frac{2.4+2.1}{2}$	0.10	2.10	
	(a) 1st CROSS-Road (0.00 to 40.0mb)						
	(b) 2nd CROSS-Road (0.00 to 70.0m)	1	30.00	$\frac{2.85+2.5}{2}$	0.10	8.03	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	$\frac{2.5+1.9}{2}$	0.10	6.60	
		1	10.00	$\frac{1.9+1.4}{2}$	0.10	1.65	
	(c) 3rd CROSS-ROAD (0.00 to 78.50 MS)	1	30.00	$\frac{1.5+2.3}{2}$	0.10	5.70	
		1	30.00	$\frac{2.3+2.5}{2}$	0.10	8.70	
		1	18.50	$\frac{3.5+4.3}{2}$	0.10	7.22	
	(d) 4th CROSS-ROAD (0.00 to 49.00 MS)	1	30.00	$\frac{2.5+2.2}{2}$	0.10	7.05	
		1	19.00	$\frac{2.2+2.1}{2}$	0.10	4.42	
	from off. Road	1	30.00	$\frac{3.7+2.9}{2}$	0.10	9.60	
		1	4.00	$\frac{2.7+2.5}{2}$	0.10	1.04	

Serial No. .....
Name of Work .....
Name of Contractor of natur
Date of commencement of v

Date	Full description, e
1	2
	(c) 5th CROSS- (0.00 to
	(d) 6th CROSS (0.00 to
	(e) 7th CROSS-

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
30.00	2.5+1.9/2	0.10	6.60	
10.00	1.9+1.5/2	0.10	1.60	
30.00	1.5+2.3/2	0.10	5.70	
30.00	2.3+2.9/2	0.10	8.70	
18.00	3.5+4.3/2	0.10	7.20	
30.00	2.5+2.2/2	0.10	7.05	
19.00	2.2+2.45/2	0.10	4.42	
30.00	3.7+2.7/2	0.10	9.60	
4.00	2.7+2.5/2	0.10	1.04	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265915

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(8) 5th CROSS- Road (0.00 to 75.00 WS)	1	30.00	2.10	0.10 2	6.30	
		1	30.00	2.1+3.0/2	0.10 2	7.60	
		1	18.00	3.0+3.4/2	0.10	4.84	
	(9) 6th CROSS- Road (0.00 to 94.40 WS)	1	33.00	2.00	0.10 2	6.60	
		1	6.00	1.8+1.3/2	0.10 2	1.01	
		1	30.00	3.2+2.9/2	0.10	8.80	
		1	25.00	2.7+2.2/2	0.10 2	6.19	
	(9) 7th CROSS- Road	1	30.00	4.2+4.7/2	0.10	13.30	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Checked.	1	30.00	$\frac{4.2+4.8}{2}$	0.10	14.25	
		1	15.00	$\frac{4.8+5.0}{2}$	0.10	7.35	
		1	22.00	$\frac{5.0+6.1}{2}$	0.10	12.24	
	(h) 8th CROSS Road	1	30.00	$\frac{5.1+3.8}{2}$	0.10	13.35	
		1	30.00	$\frac{3.8+5.0}{2}$	0.10	13.20	
		1	30.00	$\frac{5.0+5.2}{2}$	0.10	15.30	
		1	30.00	$\frac{5.2+4.9}{2}$	0.10	14.55	
		1	11.00	$\frac{4.5+4.7}{2}$	0.10	5.06	
	(i) 9th CROSS	1	30.00	$\frac{2.4+1.8}{2}$	0.10	6.30	

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc, o
1	2
	j) Ashray Layout
	k) Ashray Layout

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
30.00	$\frac{4.2+4.8}{2}$	0.10	14.25	
15.00	$\frac{4.8+5.0}{2}$	0.10	7.35	
22.00	$\frac{5.0+6.1}{2}$	0.10	12.2	
30.00	$\frac{5.1+3.8}{2}$	0.10	13.35	
30.00	$\frac{3.8+5.0}{2}$	0.10	13.20	
30.00	$\frac{5.0+5.2}{2}$	0.10	15.30	
30.00	$\frac{5.2+4.5}{2}$	0.10	14.55	
11.00	$\frac{4.5+4.7}{2}$	0.10	5.06	
30.00	$\frac{2.4+1.8}{2}$	0.10	6.30	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265916

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.00	$\frac{1.8+2.0}{2}$	0.10	5.40	
		1	28.00	$\frac{1.35+1.8}{2}$	0.10	4.41	
1)	Ashray Layout CROSS RD-1	1	25.00	$\frac{7.0+6.0}{2}$	0.10	16.25	
10)	Ashray Layout. Perimeter Road	1	30.00	$\frac{5.0+4.2}{2}$	0.10	13.80	
		1	10.00	$\frac{4.2+4.5}{2}$	0.10	4.35	
		1	10.00	$\frac{4.4+4.3}{2}$	0.10	2.61	
						273.12	1499850.00

@ 5500/m³ Ltd to 272.70m³

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4)	Vacuum de-Watering Mat and Compactness With Skin floater clubbed with floating disc including costing generator Hours of Machinary derived vibrating, power floater, blade and disc etc complete as per specification and directions of Engineer-in-charge of work.						
	a) Ichrampalli Nagar. 2nd Stage, Behind Govt School - CROSS Road 1st CROSS Road (0.00 to 40.00m)	1	30.00	$\frac{2.7+2.4}{2}$		= 76.50 m²	
		1	10.00	$\frac{2.4+2.1}{2}$		= 24.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	b). 2nd CROSS- Road (0.00 to 40.00m)
	(c) 3rd CROSS- Road (0.00 to 78.50)
	(d) 4th CROSS- Road (0.00 to 83.00m)

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
vacuum pump and ducting's skin floaters clubbed with stop generator hours of g, power floaters, blade or specify Cohorse and charge of work.				
30.00	$\frac{2.7+2.4}{2}$		= 76.50 sq.m	
10.00	$\frac{2.4+2.1}{2}$		= 24.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265917

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	(b). 2nd CROSS-Road (0.00 to 90.00m)	1	30.00	$\frac{2.8+2.8}{2}$	=	80.25	
		1	30.00	$\frac{2.5+1.9}{2}$	=	66.00	
		1	10.00	$\frac{1.9+1.4}{2}$	=	16.50	
	(c) 3rd CROSS-Road (0 to 78.50)	1	30.00	$\frac{1.5+2.3}{2}$	=	57.00	
		1	30.00	$\frac{2.3+3.5}{2}$	=	87.00	
		1	18.50	$\frac{3.5+4.3}{2}$	=	72.15	
	(d) 4th CROSS-Road (0.00 to 83.00m)	1	30.00	$\frac{2.5+2.2}{2}$	=	70.50	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	19.40	$\frac{2.20+2.45}{2}$		= 44.28	
	from off Road)	1	30.40	$\frac{3.2+2.7}{2}$		= 96.00	
		1	4.40	$\frac{2.2+2.5}{2}$		= 10.40	
	(e) 5th CROSS-Road	1	30.40	2.10		= 63.40	
		1	30.40	$\frac{2.1+3.0}{2}$		= 76.50	
		1	15.40	$\frac{3.0+1.45}{2}$		= 48.38	
	(f) - 6th CROSS-Road)	1	33.40	2.00		= 66.40	
		1	6.40	$\frac{1.8+1.35}{2}$		= 10.08	
		1	39.40	$\frac{3.2+2.7}{2}$		= 88.50	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ....

Date	Full description, etc, of w
1	2
	(g) 7th CROSS-Ro
	(h) 8th CROSS-Ro

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
19.40	2.20+2.45/2		= 44.18	
30.40	3.2+2.7/2		= 96.00	
4.40	2.7+2.5/2		= 10.40	
30.40	2.10		= 63.40	
30.40	2.1+3.0/2		= 76.50	
15.40	3.0+3.45/2		= 48.38	
33.40	2.40		= 66.40	
6.40	1.8+1.35/2		= 10.08	
33.40	3.2+2.7/2		= 88.50	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265918

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	(9) 4th CROSS-ROAD	1	25.40	2.7+2.3/2	=	61.88	
		1	30.40	4.2+4.7/2	=	133.50	
		1	30.40	4.7+4.8/2	=	142.50	
		1	15.40	4.8+5.0/2	=	73.50	
		1	22.40	5.0+6.1/2	=	122.10	
	(10) 8th CROSS-ROAD	1	30.40	5.1+3.8/2	=	133.00	
		1	30.40	3.8+5.0/2	=	132.40	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	$\frac{5.0+5.20}{2}$		= 153.00	
		1	30.00	$\frac{5.2+4.5}{2}$		= 145.50	
		1	11.00	$\frac{4.5+4.70}{2}$		= 50.60	
(a)	9th Cross - Road	1	30.00	$\frac{2.4+1.8}{2}$		= 63.00	
		1	30.00	$\frac{1.8+2.0}{2}$		= 57.00	
		1	28.00	$\frac{1.35+1.8}{2}$		= 44.20	
		1	25.00	$\frac{7.0+6.5}{2}$		= 162.50	
(b)	Ashraylayout (Cross-Rd)	1	30.00	$\frac{5.0+4.3}{2}$		= 138.00	
(c)	Ashraylayout perim. Rd	1	10.00	$\frac{4.2+4.5}{2}$		= 43.50	

Serial No. .....
Name of Work .....
Name of Contractor of nature of A
Date of commencement of work ..

Date	Full description, etc, of
1	2
(5)	Provid... and dept... machine, ... costly bl...

Assistant
Vidyaran...
BBM...

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
30.00	$\frac{5.0+5.20}{2}$		= 153.00	
30.00	$\frac{5.2+4.8}{2}$		= 145.50	
11.00	$\frac{4.5+4.70}{2}$		= 50.60	
30.00	$\frac{2.4+1.8}{2}$		= 63.00	
30.00	$\frac{1.80+2.0}{2}$		= 57.00	
28.00	$\frac{1.35+1.8}{2}$		= 44.20	
25.00	$\frac{7.0+6.0}{2}$		= 162.50	
30.00	$\frac{5.0+4.2}{2}$		= 138.00	
10.00	$\frac{4.2+4.5}{2}$		= 43.50	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265919

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	5.00	$\frac{4.4+4.3}{2}$		= 26.10	
						2731.21 m²	
						Ltd to 2727.00 m²	
						@ 81.00/m²	220,887.00
(57)	Providing groove cutting for width of sum to 10mm and depth 80mm - 100mm including costing cutting machine, generator and Honing machine, including costing blade coolant etc including cleaning of						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	groove and providing cleaned and hot bitumen fillers, and filler materials etc, including costly conveyance of all material, labours, lead and Lift charges and all other incidental charges as per drawing and as per specifications, Concrete pavement, etc complete as per specifications and directions of Engineer-in-Charge of Work.						
	(a) 1st CROSS-Rd	1	2.50	-	-	10.00	
	(b) 2nd "	1	2.20	-	-	13.20	
	(c) 3rd "	1	2.90	-	-	20.30	
	(d) 4th "	1	2.20	-	-	18.90	
	(e) 5th "	1	2.50	-	-	22.50	

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc, of
1	2
	(d)
	(g)
	(h)
	(i)
(b)	Lead for dis
	Carriage rates
	and unloading,

MENT BOOK

Dimensions			Contents	Reference to last Measurement
ength 4	Breadth 5	Depth 6	7	8
			...ht bitumen fillers, ...dy costly conveyance ... d Lifts charges and all ... r drawing and as per ... wd, etc complete as per ... Engineering Charges	
2.50	-	-	10.00	
2.20	-	-	13.20	
2.90	-	-	20.30	
2.20	-	-	18.90	
2.50	-	-	22.50	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 265920

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	(d)	10×10	2.50	-	-	25.00	
	(g)	1×10	5.00	-	-	50.00	
	(h)	1×11	4.50	-	-	49.50	
	(i)	1×13	4.00	-	-	52.00	
						261.40 m²	
			@119.32/m.		Total Rs.	261.40 m	31142.52
	(b) Lead for disposal of debris shall be payable as per carriage rates by mechanical means including loading and unloading.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Qty as per Lift to			① = 596.48 m³ 500.00 m³ @ 70.00/m³ Rs	35000.00
						Total Rs	36,36,634.12

Certificate

① Certified that the contractor work done satisfactorily.

② The contractor removed the debris from worksite

28/09/2016

Assistant Executive E
Vidyaranyapura Sub I
BBMP, Bangalore

28/9/16

Perryan Road
W0454
W0458

Serial No. .....
Name of Work
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc, of
1	2

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
...ty as per			H no ① = 596.48 yd^3	
Ltd to			500.00 yd^3	
			@ 70.00/yd^3 Rs	35000.00
			Total Rs	36,36,634.12
...ion with the d...ne				
...the debris d...s				
28/09/2016				

Assistant Executive E...
Vidyaranyapura Sub D...
BBMP, Bangalore

Peenya Road
W0454 CC Road

M. A. R. 57 (Rule 116)
Measurement Book

No. B

265921

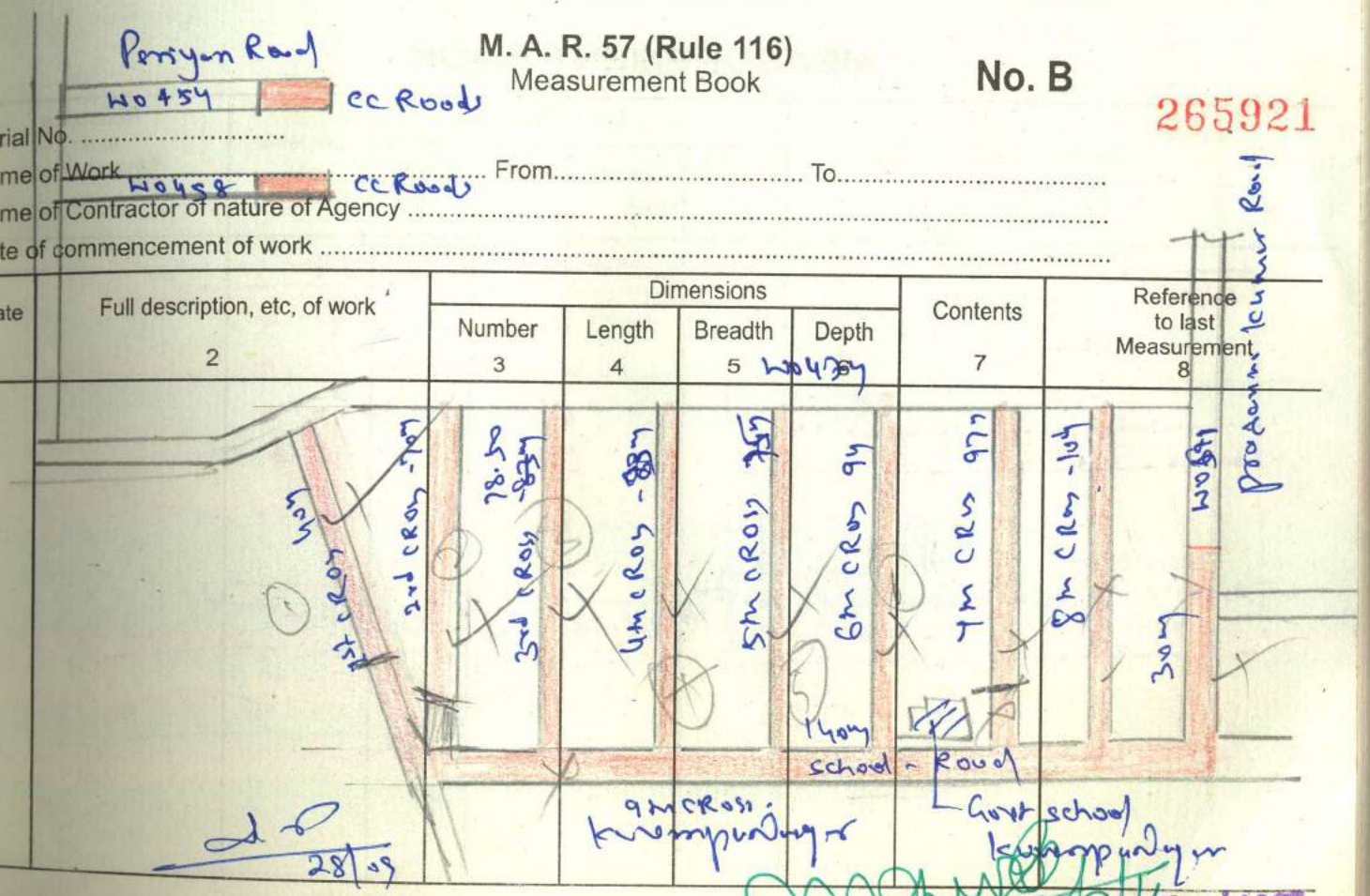
Serial No. .....

Name of Work W0458 CC Road From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	W0454	7	8



28/09

Assistant Executive Engineer
...pura Sub Division

BK|538|29.9.16.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Audited & Admitted for Rs 36,36,634-00 3362251-00 By Cheque and Rs 274383-00 By adjustment Accts Suptd Byatarayanapura Dn. BBMP Asst Engineer Byatarayanapura Dn. BBMP. 14/11/16					Total Rs: 36,36,634-00 ST- 36366-00 VAT- 145465-00 Cess 36366-00 CBF. 3637-00 C.R. 52549-00 Adj - 274383-00 Cheque: 3362251-00	

Serial No. .....
Name of Work .....
Name of Contractor of nature
Date of commencement of wo

Date	Full description, etc
1	2